

Write a recursive equation for each table below including the starting number (start  $x=0$ ) and the rule (what you do) <sup>each time</sup>. Then use your equation to complete the blanks.

(a)

x	y
0	5
1	9
2	13
3	
10	
100	

(b)

x	y
1	18
2	12
3	6
4	
10	
100	

(c)

x	y
2	3
3	10
4	17
5	
10	
100	

$$y = 4x + 5$$

$$y = -6x + 24$$

$$y = 7x + -11$$

X	Y
0	5
1	13
2	21
3	29
4	37
5	45
100	805

$$y = 8x + 5$$

X	Y
0	4
1	6
2	8
3	10
4	12
5	14

$$y = 2x + 4$$

X	Y
0	7
1	14
2	21
3	28
100	700

$$y = 7x$$

(HW)

Sect. 4.4 #1, 2, 5, 12